WHAT IS CLAIMED IS:

1. A method for assembling a fan platform for a gas turbine engine, said method comprising:

determining an area of vulnerability to impact damage across the platform;

forming a sheet of cladding metal to substantially conform to a contour of the identified area of vulnerability of the platform; and

bonding the cladding metal to the identified area of vulnerability.

- 2. A method in accordance with Claim 1 wherein determining an area of vulnerability comprises determining the area of vulnerability based on fan rotational speed and predetermined foreign object trajectories.
- 3. A method in accordance with Claim 1 wherein forming a sheet of cladding metal comprises:

annealing the sheet of cladding metal;

cold-forming the sheet of cladding metal;

heat-treating the cold-formed sheet of cladding metal; and

aging the heat-treated sheet of cladding metal.

4. A method in accordance with Claim 1 further comprising:

etching the formed sheet of cladding metal; and

applying an anodized coating to the formed sheet of cladding metal prior to bonding the cladding metal.

- 5. A method in accordance with Claim 1 wherein bonding the cladding metal to the platform comprises bonding the formed sheet of cladding metal to the platform with a supported film adhesive.
 - 6. A fan platform for a gas turbine engine, said platform comprising: a body portion;

a flow path surface coupled to said body portion, said body portion and said flow path surface defining at least a portion of a flow path extending through the engine; and

an impact barrier reinforcing said flow path surface, said impact barrier comprising a layer of cladding metal having a contour that substantially conforms to a contour of a portion of said flow path surface, said impact barrier is bonded to said flow path surface.

- 7. A fan platform in accordance with Claim 6 wherein said body and said flow path surface are each fabricated from a composite material.
- 8. A fan platform in accordance with Claim 7 wherein said body and said flow path surface are each fabricated from a composite material that includes carbon fiber.
- 9. A fan platform in accordance with Claim 6 wherein said cladding metal comprises aluminum.
- 10. A fan platform in accordance with Claim 9 wherein said cladding metal has a thickness of about twenty thousandths inches.
- 11. A fan platform in accordance with Claim 6 wherein said cladding metal comprises an anodized coating.
- 12. A fan platform in accordance with Claim 6 wherein said cladding metal is etched.

- 13. A fan platform in accordance with Claim 6 wherein said cladding metal is bonded to said flow path surface with an adhesive.
 - 14. A gas turbine engine comprising:
 - a fan comprising a plurality of circumferentially-spaced fan blades; and
- a fan platform extending between a pair of circumferentially-adjacent fan blades and defining a fan flow path therebetween, said platform comprising a flow path surface, a portion of said flow path surface comprising a layer of cladding metal bonded thereto, said cladding metal having a contour that substantially conforms to a contour of said flow path surface.
- 15. An engine in accordance with Claim 14 wherein said fan platform is fabricated from a composite material.
- 16. An engine in accordance with Claim 14 wherein said fan platform is fabricated from a composite material that includes carbon fiber.
- 17. An engine in accordance with Claim 14 wherein said cladding metal comprises aluminum.
- 18. An engine in accordance with Claim 17 wherein said cladding metal has a thickness of about twenty thousandths inches.
- 19. An engine in accordance with Claim 14 wherein said cladding metal comprises an anodized coating.
- 20. An engine in accordance with Claim 14 wherein said cladding metal is etched.